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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/909,001

08/08/97

VERMEER

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CASE-2

022897

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WM02/0117

EXAMINER

TRAN, P

ART UNIT

PAPER NUMBER

2684

DATE MAILED:

01/17/01

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
**08/909,001**

Applicant(s)

**Vermeer**

Examiner

**Pablo Tran**

Group Art Unit

**2684**

☒ Responsive to communication(s) filed on Oct 20, 2000

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-17 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-17 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

2. Claim 13 is rejected under 35 U.S.C. 102(e) as being anticipated by *Huttunen et al.* (5,903,850).

As per claim 13 , *Huttunen et al.* disclose a radio card comprising:

- a radio (fig. 7/no. 1,31);
- a detachable connector (fig. 7/no. 3); and
- a first lead (fig. 7/no. 6) for carrying an RF signal (fig. 2/no. 9, fig. 4/no. 39) from said

radio to said detachable connector and from said detachable connector to said radio and for carrying a first baseband signal (fig. 2/no. 10) indicative of when said radio is operating.

### *Claim Rejections - 35 USC § 103*

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3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-12 and 14-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Huttunen et al.* (5,903,850) in view of *Wells* (4,935,746).

As per claims 1-2, 6-7, 11, and 14-15, *Huttunen et al.* disclose a wireless terminal comprising:

- an antenna (fig. 7/no. 2,32);
- a radio (fig. 7/no. 1,31);
- a signal lead (fig. 2/no. 6,8, fig. 4/no. 6,38) for carrying an RF signal (fig. 2/no. 9, fig. 4/no. 39) from said radio to said antenna and from said antenna to said radio and for carrying a first baseband signal (fig. 2/no. 10) from said radio to said first visual indicator for activating said first visual indicator (fig. 1/no. 35,60,61a,61b,61c, abstract, col. 2/ln. 66-col. 5/ln. 39).

*Huttunen et al.* disclose Applicant's invention except teaching a first visual indicator that indicates to a user of said wireless terminal when a radio is transmitting/receiving. *Wells* disclose indicator that indicates to a user of said terminal when a radio is transmitting/receiving (fig. 1/no. 102, fig. 2/no. 28, fig. 3/no. 46,58, col. 2/ln. 12-col. 3/ln. 58). In order for the user to easily determine the status of the call at any given time, it would have obvious to one of ordinary skill in

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the art at the time of Applicant's invention to provide an efficiency monitoring antenna as taught by *Wells* in conjunction with a mobile radio communication device as taught by *Huttunen et al.*.

As per claim 4 and 9, *Huttunen et al.* further disclose wherein said signal lead is connected to said radio by a detachable connector (fig. 2/ no. 3).

As per claim 5, 10, 12, 16-17, *Wells* further disclose a second visual indicator that indicates when said radio is receiving/transmitting (fig. 1/no. 102, fig. 2/no. 28, fig. 3/no. 46,58, col. 2/ln. 12-col. 3/ln. 58) and wherein said signal lead also carries a second baseband signal (see *Huttunen et al.* , fig. 2/no. 10, col. 2/ln. 66-col. 5/ln. 39) from said radio to said second visual indicator.

5. Claims 3 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Huttunen et al.* (5,903,850) in view of *Wells* (4,935,746) and further in view of *Stein* (5,628,055).

As per claim 3 and 8, *Huttunen et al.* in view of *Wells* disclose Applicant's invention except teaching said radio is integral to a PC radio card. *Stein* disclose said radio is integral to a PC radio card (fig. 10/no. 131). In order to enable PC readily radio communicate with other networks, it would have obvious to one of ordinary skill in the art at the time of Applicant's invention to provide a modular radio communications system as taught by *Stein* in conjunction with a mobile radio communication device as taught by *Huttunen et al.* in view of *Wells*.

### Conclusion

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6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

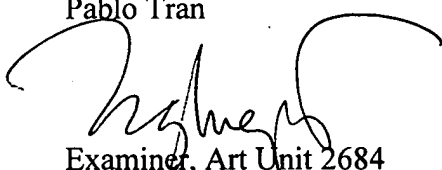
Braitberg et al. (5,479,479), Garner et al. (4,792,986) disclose method and apparatus for wireless communications system.

7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Pablo Tran whose telephone number is (703)308-7941. The fax number for this Group is (703)308-6306 and (703)308-6296.

Any inquiry of a general nature to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-4700.

January 6, 2001

Pablo Tran

  
Examiner, Art Unit 2684

  
**DANIEL HUNTER**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**